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AN - 1999-245327 [21]
 XA - C1999-071835
 TI - Polymer mixture, especially for production of film
 DC - A17 A28 A94
 PA - (BADI) BASF AG
 IN - BAUER P; FALLER U; LILGE D; LUX M
 NP - 6
 NC - 22
 PN - DE19745047 A1 19990415 DW1999-21 C08L-023/08 11p *
 AP: 1997DE-1045047 19971011

WO9919400 A1 19990422 DW1999-23 C08L-023/16 Ger
 AP: 1998WO-EP05942 19980918
 DSNW: CN JP KR US
 DSRW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP1023389 A1 20000802 DW2000-38 C08L-023/16 Ger
 FD: Based on WO9919400
 AP: 1998EP-0947534 19980918; 1998WO-EP05942 19980918
 DSR: AT BE DE ES FI FR GB IT NL SE

CN1267316 A 20000920 DW2000-63 C08L-023/16
 AP: 1998CN-0808296 19980918

KR2001015727 A 20010226 DW2001-56 C08L-023/16
 AP: 2000KR-0703858 20000410

JP2001520249 W 20011030 DW2002-02 C08L-023/16 27p
 FD: Based on WO9919400
 AP: 1998WO-EP05942 19980918; 2000JP-0515964 19980918

PR - 1997DE-1045047 19971011
 IC - C08L-023/08 C08L-023/16 C08J-005/18 C08L-023/04 C08L-023/06 C08L-023/20 C08L-027/12
 C08L-023/04 C08L-027:12
 AB - DE19745047 A
 NOVELTY - A polymer mixture with good processing properties, e.g. for blown or cast film, contains an ethylene copolymer and another ethylene copolymer with a higher density and a broader molecular weight distribution.
 DETAILED DESCRIPTION - A polymer mixture is claimed containing at least 40-85 wt% ethylene copolymer (A) with a density of 0.91-0.93 g/cm³, a high-load melt flow rate (HLMFR; 190/21.6) of 5-60 g/10 mins. and a mol. wt. distribution (Mw/Mn) of not more than 3, and more than 15 but not more than 60 wt% ethylene copolymer (B) with a density of 0.93-0.945 g/cm³, an HLMFR of 8-20 g/10 mins. and an Mw/Mn ratio of at least 7. INDEPENDENT CLAIMS are also included for (a) a process for the production of film from this polymer mixture; (b) film produced from the polymer mixture.
 USE - For the production of film (claimed). Especially suitable for packaging film for use in heavy-duty bags and food packaging.
 ADVANTAGE - An ethylene copolymer mixture with a combination of very good mechanical properties, high shock resistance and tear strength, good optical properties and good processability, especially on high-output blown film or cast film equipment. The film obtained also shows a low tendency to blocking. (Dwg.0/0)
 MC - CPI: A04-G06A A07-A02D A12-S06D
 UP - 1999-21
 UE - 1999-23; 2000-38; 2000-63; 2001-56; 2002-02
 UE4 - 2001-10; 2002-01